

PATENT
Attorney Docket No. 62785.000005

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

LE PAGE, RICHARD, *et al.*

Serial Number: 09/769,736

Filed: January 26, 2001

For: NUCLEIC ACIDS AND PROTEINS FROM
GROUP B STREPTOCOCCUS

)
)
) Group Art Unit: 1637

)
) Examiner: K. CARLSON
)

**SUBMISSION OF COURTESY COPIES OF REFERENCES,
INFORMATION DISCLOSURE STATEMENTS AND FORMS PTO-1449**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner Carlson:

Further to our telephone conversation of July 5, 2005, enclosed for your convenience are **courtesy copies** of the references cited with our Information Disclosure Statement and Supplemental Information Disclosure Statement dated November 7, 2001, along with the Form PTO 1449's and the Patent Office's date-stamped post card receipts for your use in consideration of the above-identified patent application.

No fees are believed to be due in connection with the entry of the instant Preliminary Amendment. The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: July 11, 2005

By:

Laurence H. Posorske, Ph.D.
Registration No. 34,698

Christopher J. Nichols, Ph.D.
Registration No. 55,984

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LHP/CJN:cdh



PATENT
Attorney Docket No. 62785.000005



- ☐ PROVISIONAL
☒ UTILITY
☐ DESIGN

PATENT

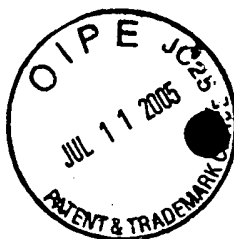
Application No.: 09/769,736 Date: November 7, 2001
Client/Matter No.: 031855.0093 Client: Kilburn & Strode
Inventor(s): LE PAGE et al. Atty/Sec.: LHP:nej
Title: NUCLEIC ACIDS AND PROTEINS FROM BROUPE B
STREPTOCOCCUS

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

- ☒ Information Disclosure Statement
☒ Form PTO 1449 with thirteen (13) references
☒ Copy of International Search Report



SECRET



PATENT
ATTORNEY DOCKET: 031855.0093

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
LE PAGE et al.) Group Art Unit: To Be Assigned
Application Number: 09/769,736) Examiner: To Be Assigned
Filed: January 26, 2001)
For: NUCLEIC ACIDS AND PROTEINS FROM GROUP B STREPTOCOCCUS)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting herewith copies of the references listed on the attached Form PTO-1449 (modified) for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

The attached documents were cited by the European Patent Office in the International Search Report dated April 11, 2000 of the corresponding application and relevance is indicated on the enclosed copy of the Search Report.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

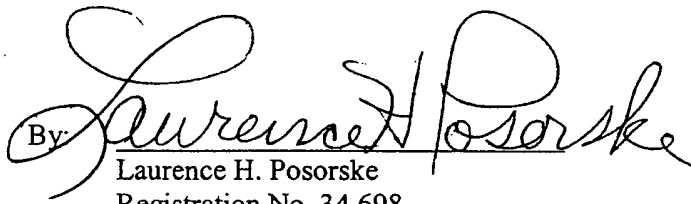
In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is believed to be submitted prior to issuance of a first Office Action. Therefore, it is respectfully submitted that no fee is required for consideration of this information. However, in the event any

fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 50-1640.

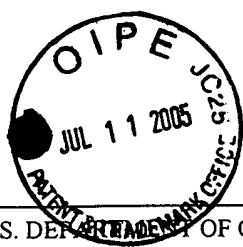
Respectfully submitted,

BROBECK, PHLEGER & HARRISON LLP

Dated: November 7, 2001

By: 
Laurence H. Posorske
Registration No. 34,698

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Sheet 1 of 1FORM PTO-1449 (Modified)
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

031855.0093

APPLICATION NO.

09/769,736

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

LE PAGE et al.

FILING DATE

January 26, 2001

GROUP

To Be Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	1	WO	98	1	8	9	3	0	05/07/98	WIPO				
	2	WO	99	1	6	8	8	2	04/08/99	WIPO				
	3	WO	94	1	0	3	1	7	05/11/94	WIPO				
	4	WO	95	0	6	7	3	2	03/09/95	WIPO				
	5	WO	98	2	3	6	3	1	06/04/98	WIPO				
	7	WO	99	4	2	5	8	8	08/26/99	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

7	Larsson, Charlotte, et al., "Experimental Vaccination Against Group B Streptococcus, an Encapsulated Bacterium, with Highly Purified Preparations of Cell Surface Proteins Rib and α ," <i>Infection and Immunity</i> , 64:3518-3523 (1996).
8	Michel, James L., et al., "Cloned Alpha and Beta C-Protein Antigens of Group B Streptococci Elicit Protective Immunity," <i>Infection and Immunity</i> , 59:2023-2028 (1991).
9	Lachenauer, Catherine S., et al., "Cloning and Expression in <i>Escherichia coli</i> of a Protective Surface Protein from Type V Group B Streptococci," <i>Advances in Experimental Medicine and Biology</i> , 418:615-618 (1997).
10	Yoshida, K., et al., "Hypothetical Sensor-Like Histidine Kinase in IDH 3' Region," (1995) SWISS-PROT Sequence.
11	Tognoni, A., et al., "Peptide Synthetase 1", (1995), SWISS-PROT Sequence.
12	Yoshida, K., et al., "Homologous to Many ATP-Binding Transport Proteins," (1997), SWISS-PROT Sequence.
13	Puyet, A., et al., "Maltose/Maltodextrin-Binding Protein Precursor," (1993), SWISS-PROT Sequence.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



- ☐ PROVISIONAL
☒ UTILITY
☐ DESIGN

PATENT

Application No.: 09/769,736 Date: November 7, 2001
Client/Matter No.: 031855.0093 Client: Kilburn & Strode
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Title: NUCLEIC ACIDS AND PROTEINS FROM BROUPE B
STREPTOCOCCUS

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

- ☒ Supplemental Information Disclosure Statement
☒ Form PTO 1449 with one (1) reference

RECEIVED





PATENT
ATTORNEY DOCKET: 031855.0093

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
LE PAGE et al.)	Group Art Unit: To Be Assigned
)	
Application Number: 09/769,736)	Examiner: To Be Assigned
)	
Filed: January 26, 2001)	
)	
For: NUCLEIC ACIDS AND PROTEINS FROM GROUP B STREPTOCOCCUS)	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting herewith copies of the references listed on the attached Form PTO-1449 (modified) for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

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Consideration of the foregoing plus the prompt return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

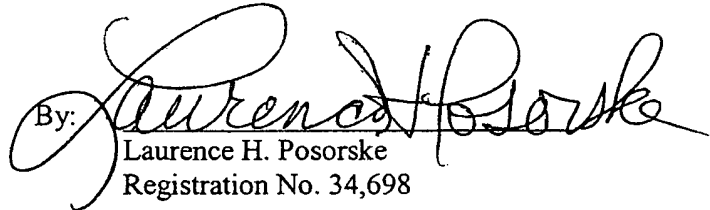
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LHP:nej

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 031855.0093		APPLICATION NO. 09/769,736	
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT LE PAGE et al.			
				FILING DATE January 26, 2001		GROUP To Be Assigned	

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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EXAMINER INITIAL	PAGE NO.	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	15	WO	98	1	8	9	3	1	05/07/98	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)														

EXAMINER	DATE CONSIDERED
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